

CLAIMS

1       1. A tray for supporting a planter, comprising:  
2           a) a bottom having an upper surface and a lower  
3       surface;

4           b) one or more side walls extending upwardly from the  
5       bottom of the tray to form a container; and

6           c) a drain having an opening formed in said tray, at  
7       least a portion of the drain opening positioned at or  
8       below the level of the upper surface of the bottom of the  
9       tray.

1       2. The tray of Claim 1 wherein said upper surface  
2       slopes downward toward said drain.

1       3. The tray of Claim 1 wherein said bottom has at  
2       least one raised surface for supporting a planter above said  
3       upper surface.

1       4. The tray of Claim 1 wherein the tray is formed of  
2       a substantially waterproof material.

1       5. The tray of Claim 1 wherein the waterproof  
2       material selected from the group comprising polypropylene,  
3       polyurethane, polycarbonate, or UBS plastic.

1       6. The tray of Claim 1 wherein the tray is provided  
2       with a fitting at said exit for connecting a drainage tube.

1       7. The tray of Claim 6 wherein said drainage tube has  
2       a generally planar lower surface and a generally curved  
3       upper surface, said upper surface having a low profile, and  
4       said drainage tube having a hollow passageway for conducting  
5       water away from said tray.

1       8. A tray for supporting a planter, comprising:  
2           a) a bottom having an upper surface and a lower  
3       surface;  
4           b) one or more side walls extending upwardly from the  
5       bottom of the tray to form a container;  
6           c) a drain formed in said tray, through the bottom of  
7       the tray, said upper surface sloping downward toward said  
8       drain;  
9           d) a passageway through the bottom of the tray  
10      connecting said drain to an exit in the side of the bottom  
11      of the tray; and  
12           e) at least one raised surface extending from the  
13       bottom of the tray for supporting the planter above the  
14       upper surface of the tray bottom.

1       9. The tray of Claim 8 wherein said upper surface  
2       slopes downward toward said drain.

1       10. The tray of Claim 8 wherein said bottom has at  
2       least one raised surface for supporting a planter above said  
3       upper surface.

1       11. The tray of Claim 8 wherein the tray is formed of  
2       a substantially waterproof material.

1       12. The tray of Claim 8 wherein the waterproof  
2       material selected from the group comprising polypropylene,  
3       polyurethane, polycarbonate, or UBS plastic.

1       13. The tray of Claim 8 wherein the tray is provided  
2       with a fitting at said exit for connecting a drainage tube.

1        14. The tray of Claim 13 wherein said drainage tube  
2 has a generally planar lower surface and a generally curved  
3 upper surface, said upper surface having a low profile, and  
4 said drainage tube having a hollow passageway for conducting  
5 water away from said tray.

1        15. A tray for supporting a planter, comprising:  
2            a) a bottom having an upper surface and a lower  
3            surface;  
4            b) one or more side walls, extending upwardly from the  
5            bottom of the tray to form a container;  
6            c) a drain formed in said upper surface, at or below  
7            the level of the upper surface of the bottom of the tray,  
8            said upper surface sloping downward toward said drain;  
9            d) a passageway connecting said drain to an exit; and  
10           e) at least one raised surface for supporting the  
11           planter above the upper surface of the bottom of the tray.

1        16. The tray of Claim 15 wherein said upper surface  
2 slopes downward toward said drain.

1        17. The tray of Claim 15 wherein said bottom has at  
2 least one raised surface for supporting a planter above said  
3 upper surface.

1        18. The tray of Claim 15 wherein the tray is formed of  
2 a substantially waterproof material.

1        19. The tray of Claim 15 wherein the waterproof  
2 material selected from the group comprising polypropylene,  
3 polyurethane, polycarbonate, or UBS plastic.

1        20. The tray of Claim 15 wherein the tray is provided  
2 with a fitting at said exit for connecting a drainage tube.

1        21. The tray of Claim 20 wherein said drainage tube  
2 has a generally planar lower surface and a generally curved  
3 upper surface, said upper surface having a low profile, and  
4 said drainage tube having a hollow passageway for conducting  
5 water away from said tray.

1        22. A planter, comprising:  
2            a) a bottom having an upper surface and a lower  
3            surface;  
4            b) one or more side walls extending upwardly from the  
5            bottom of the planter to form a container;  
6            c) a drain forming an opening in said upper surface,  
7            said upper surface sloping downward toward said drain;  
8            d) a passageway through the bottom of the planter  
9            connecting said drain opening to an exit in the side of  
10          the bottom of the planter; and  
11          e) at least one raised surface extending upwardly from  
12          the bottom of the tray for supporting the planter above  
13          the upper surface of the tray bottom.

1        23. A planter, comprising:  
2            a) a bottom having an upper surface and a lower  
3            surface;  
4            b) one or more side walls extending upwardly from the  
5            bottom of the planter to form a container;  
6            c) a drain formed in said upper surface, at or below  
7            the level of the upper surface of the bottom of the  
8            planter, said upper surface sloping downward toward said  
9            drain; and

10           d) a passageway connecting said drain to an exit in  
11       the side of the bottom of the planter.

1           24. A planter, comprising:  
2           a) a bottom having an upper surface and a lower  
3       surface;  
4           b) one or more side walls extending upwardly from the  
5       bottom of the planter to form a container;  
6           c) a drain formed in said upper surface, through the  
7       bottom of the planter;  
8           d) a passageway connecting said drain to an exit in  
9       the side of the bottom of the planter; and  
10          e) a false bottom supported above said bottom of the  
11       planter, said false bottom having a drain hole formed  
12       therein.

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1           25. A planter system, comprising:  
2           a) a planter having a bottom and one or more side  
3       walls extending upwardly from the bottom of the tray to  
4       form a container, said bottom of the planter having at  
5       least one drain hole formed therein; and  
6           b) a tray for supporting said planter, said tray  
7       comprising:  
8           i) a bottom having an upper surface and a lower  
9       surface;  
10          ii) one or more side walls extending upwardly from the  
11       bottom of the tray to form a container;  
12          iii) a drain formed in said tray, through the bottom of  
13       the tray, said upper surface sloping downward toward  
14       said drain;

15           iv) a passageway through the bottom of the tray  
16           connecting said drain to an exit in the side of the  
17           bottom of the tray; and  
18           v) at least one structure for supporting the planter  
19           above the upper surface of the bottom of the tray.

20         26. A drainage tube system, comprising:

21           one or more drainage tubes, said drainage tubes having  
22           a generally planar lower surface and a generally curved  
23           upper surface, said upper surface having a low profile, and  
24           said drainage tube having a hollow passageway for conducting  
25           water.

26         27. The drainage tube system of Claim 26, wherein said  
27           drainage tubes have a second hollow passageway for  
28           conducting water.

29         28. An irrigation system, comprising one or more  
30           drain/supply tubes, said drain/supply tubes having a  
31           generally planar lower surface and a generally curved upper  
32           surface, said upper surface having a low profile, and said  
33           drainage tube having a first hollow passageway for  
34           conducting water away from a planter, and a second hollow  
35           passageway for conducting water towards a planter.